

Helmet Specifications Subject to
Change Without Notice.

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FACTS

ABOUT YOUR NEW HELMET

PLEASE, READ BEFORE WEARING HELMET

TOUR-X XD

NOTICE: ALL PAINTED SURFACES ARE SUBJECT TO CHANGE, OVER TIME, DUE TO ENVIRONMENTAL FACTORS. SUCH CHANGES, SUCH AS FADING, ARE DUE TO THE EFFECTS OF SUN, VAPORS, CLEANING AGENTS, ETC. AND ARE TO BE CONSIDERED AS NORMAL WEAR AND TEAR AND, THEREFORE, NOT SUBJECT TO WARRANTY REPLACEMENT CLAIMS. IT SHOULD BE NOTED BY CONSUMERS CONTEMPLATING THE PURCHASE OF A HELMET WITH FLORESCENT (i.e. "DAY-GLO") SECTIONS TO ITS FINISH THAT THIS TYPE OF FINISH IS PARTICULARLY SUSCEPTIBLE TO EFFECTS OF THIS NORMAL WEAR AND TEAR.

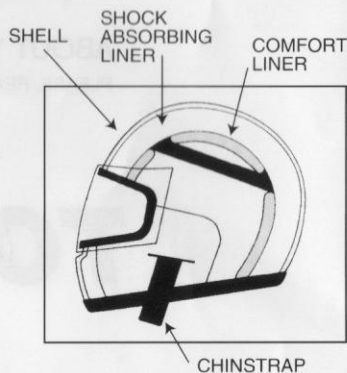
We wish to take this opportunity to thank you for purchasing one of our ARAI helmets. We are confident that it will meet with your satisfaction and we offer this booklet of information to enhance your enjoyment of your new helmet. As the oldest manufacturer of safety helmets in Japan, ARAI has always been in the forefront of the helmet technology and we continue today as one of the leaders in the art and science of making helmets. However, even when built to the best of the current "state of the art", no helmet can guarantee absolute safety. Your helmet's function is to reduce the chance of severity of injury in an accident. Some reasonably foreseeable impacts may exceed any helmet's ability to protect against injury. Please bear this in mind when you ride and ride safely.

NOTES ON USE

The basic function of the helmet, to protect the head from the effects of a severe blow is accomplished by surrounding the head with a certain amount and type of material and space which work as a shock absorber and buffer. For optimum safety, a substantial amount of material is needed around the head. Therefore, although negligible, some degree of hearing, peripheral vision and physical movement may be sacrificed in order to properly protect your head. Remember this and ride accordingly.

For maximum safety, it is important that your helmet be a snug, comfortable fit on your head. It should not be too large so as to dance around on your head nor so small that it constricts and causes pain. When trying to move the helmet on the head, either in rotation and/or fore & aft, the skin should be pulled by the lining. If the lining slips easily over the skin the helmet is too large.

In the event of an accident, you will be subject to impacts that can come from any direction. Some may tend to lift the helmet from your head. Therefore, it is imperative that your chinstrap is securely fastened, keeping your helmet firmly in place whenever you ride.



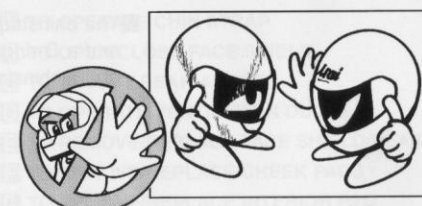
Although your helmet is solidly built, like any fine piece of equipment, it should be handled with care. Dropping onto solid surfaces and other rough handling may damage the painted surface and/or decrease its ability to protect.

Use soft cloth with detergent and luke-warm water solution to clean both the inside and outside of your helmet. Never use petrol, thinner, benzene or any other solvents as these can adversely effect the shock absorbing liner and plastic components.

It is extremely dangerous to modify your helmet as it may decrease the ability to protect. For safety's sake, do not drill any holes in the shell or press or cut the shock absorbing liner. Use only ARAI's genuine parts when you replace parts of your helmet.

If painting your helmet, be sure to protect the entire inside of the helmet from the paint spray by masking all openings with paper and tape as paint can adversely effect the shock absorbing liner and plastic components. Use only air drying paint, not paints that require heat curing.

As is the nature of a good helmet, this helmet is so constructed that the energy of a severe impact is absorbed through partial destruction of the shell and/or liner. Such damage may not be visible to the naked eye. If the helmet suffers such an impact, and any doubt exists as to its further ability to protect, it should either be returned to the manufacturer for competent inspection or discarded and replaced by a new ARAI helmet.



■ Dual Front I/C intake ducts provide fresh air around the top of the head and a DDL-2 rear exhaust duct draws out hot air and moisture from inside the helmet.

■ Twin-Cam shield pivot system enables the shield to operate fully beneath the mounted peak and stay low when raised, allowing the peak to be mounted lower, resulting in better aerodynamics and a better appearance. It is also possible to use the helmet with just the shield or just the peak as desired.

■ Mouth vent system provides fresh air around mouth and/or helps prevent fogging by directing air up along the interior surface of the face shield, utilizing both exterior and interior vent controls.

■ Front lower spoiler integrated into the edge trim minimizes wind resistance.

■ The chinstrap end-snap prevents flapping, and a D-ring release tab makes loosening of the chinstrap easier.



CAUTION: The visor/peak supplied with your Tour-Cross / XD helmet is not suitable for high-speed use. At such speeds air catching a side or main surface of the peak may cause difficulty in returning the head to a forward and/or level position. You should experience this effect starting at low speeds and gradually increasing speeds so that you will know what to expect and determine when the peak should be removed for higher speed riding.

■ Left and right side exhaust port vents draw out hot air inside the helmet.

■ Neck-roll pad gives you more comfort and helps reduce the wind noise.

■ The interior head lining comfort padding, cheekpads and chinstrap covers are completely removable and washable. As with our other removable interior padding and/or cheekpads, optional sizes are available for a customized fit

TO ADJUST PEAK ANGLE

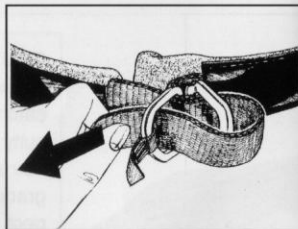
Loosen all four screws of the peak with a flat blade screwdriver so that the peak can be moved up and down without scratching helmet surface. Put on and adjust the peak to the desired position. Tighten the screws and take helmet off. Tighten the screws firmly but do not over-tighten.

CONTENTS OF FOLLOWING PAGES

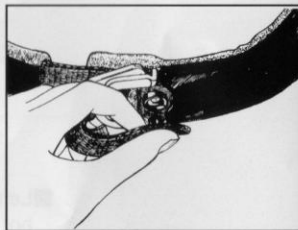
- A** TO OPERATE CHIN STRAP
- B** TO OPEN/CLOSE FACE SHIELD
- C** TO ADJUST PEAK ANGLE
- D** TO OPERATE VENTILATION DUCTS
- E** TO REMOVE/REPLACE FACE SHIELD/PEAK
- F** TO REMOVE/REPLACE CHEEK PADS
- G** TO REMOVE/REPLACE INTERIOR PAD
- H** TO REMOVE/REPLACE CHINSTRAP COVERS

A TO OPERATE CHIN STRAP

For proper fastening the chin strap must be routed through the D-rings as illustrated and pulled through them securely.

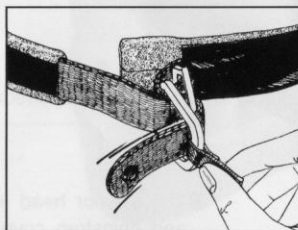


The end-strap snap is provided only to allow the wearer to prevent the end of the strap from flapping in the air-stream.



WARNING: it is not part of the retention system and should not be relied upon even when carrying the helmet by the strap as it will release under little stress.

A D-ring release tab is provided to make the loosening of the rings easier. Simply pull as illustrated.



B TO OPEN/CLOSE FACE SHIELD

Pull outward on the shield lock tab to release lock system and then raise shield. The shield can only be opened when the lock tab has cleared the landing.



To close the shield, pull down the shield until the shield lock tab fully locks into place.

Apply one or two drops of supplied silicone lubricant around edge trim and on other moving parts and wipe off with soft tissue paper to maintain proper operation.



NOTE: Only use Arai genuine silicon lubricant supplied with your helmet or sold at your Arai dealer. The use of non-Arai silicon lubricant may result in damage to the plastic components.

There are many "aggressive" cleaners on the market, including some supposed to be specifically for use on helmet and faceshields (visors). Arai strongly recommends that you do not use any such products to clean your helmet as some of their ingredients may have damaging effects on the ancillary plastic parts installed on it. Use only mild soap and luke warm water to clean the interior and exterior of your Arai helmet.

C TO ADJUST PEAK ANGLE

Slightly loosen all four screws of the peak with a coin or flat blade screwdriver so that the peak can be moved up and down without scratching helmet surface. Put the helmet on and adjust the peak to the desired position.

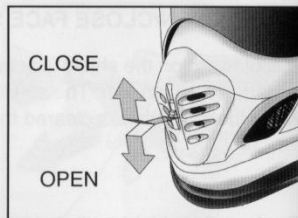
Tighten the screws and take helmet off. Tighten all screws firmly but do not overtighten.



D TO OPERATE VENTILATION DUCTS

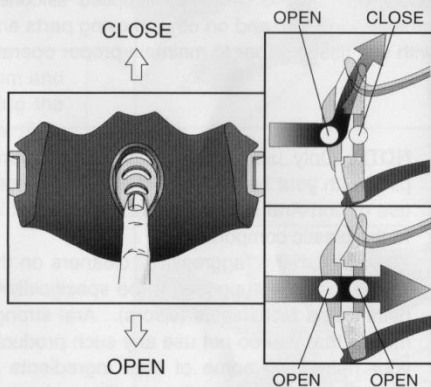
Simply slide the vent control down to open the chin ventilation duct.

WARNING: Do not use oils or waxes to lubricate vents or other moving parts. If you must lubricate such components please sparingly use the silicone lube provided with your helmet for eyepoint trim dressing.

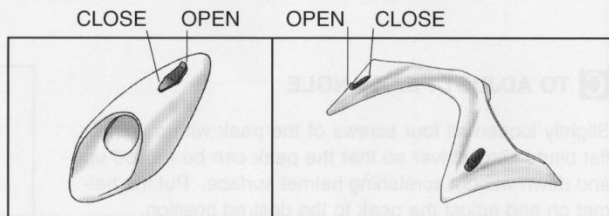


Air is then directed up along the interior surface of the face shield to help prevent fogging when the shutter inside is closed.

When the shutter inside is open air is directed to the mouth area to provide fresh air inside the helmet.



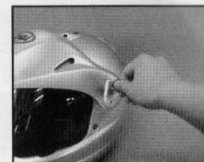
Simply push the switches on each duct to open/close the ducts as illustrated.



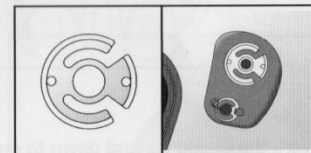
WARNING: Never attempt to adjust ventilation ducts when in motion riding your motorcycle.

E TO REMOVE/REPLACE FACE SHIELD / PEAK

To remove shield / peak, remove the two screws from each side of the peak with flat blade screwdriver or coin. Remove the pressure plate from each side of the peak. The shield / peak can now be removed.



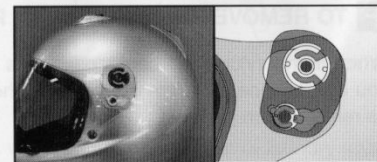
The black spring clip on each side may be removed for cleaning but please note that they can only be re-installed properly in one direction. Do not remove the base plates from the helmet.



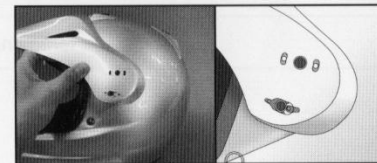
To replace shield / peak, place the black spring clip on the base plate on each side as illustrated (pay attention to the proper direction).



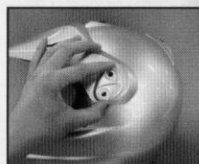
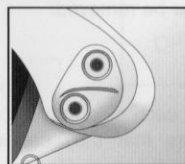
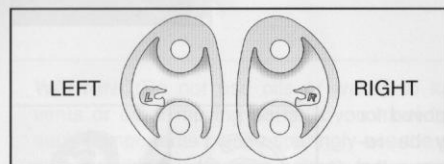
Place the shield on the helmet in the fully closed position, as illustrated,



and place the peak so that the two screw holes line up ensuring the two pins of the black spring clip are in each hole and the two pins of the base plate are in the lower screw hole of the peak, as illustrated.



Place the pressure plate on the peak (note that the L & R embossed on the plate indicate Left and Right on the helmet when the helmet is worn) and install the two screws through each pressure plate into the helmet and tighten with flat bade screwdriver or coin. Do not overtighten.



Work the shield up and down to check the operation.

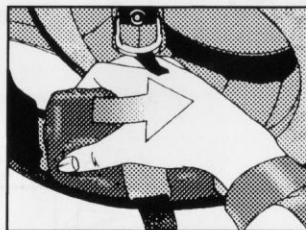
To use the helmet with just the peak, simply omit the shield installation from the procedure.

To use the helmet with just the shield, optional Tour-X shield pressure plate set is required.

F TO REMOVE/REPLACE CHEEK PADS

When first servicing the cheek pads, it is suggested that you do only one at a time so that the other can be used as reinstallation guide.

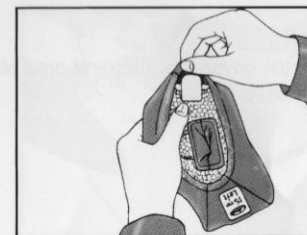
To remove cheek pads first undo chin strap, then pull pad toward the rear of the helmet.



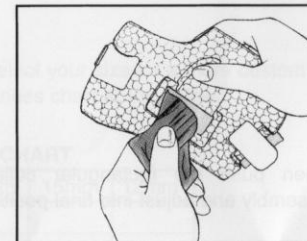
Then inward to release and slide it off the strap.



To take off fabric covering for washing, peel the cover off over the exposed plastic tab until all the fabric is on the face side surface.



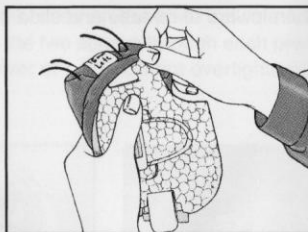
Then draw the cover through the opening by grasping the rectangular collar and pulling.



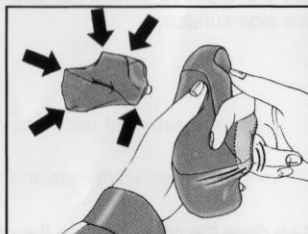
To wash the fabric covering, put them into lukewarm water with small amount of laundry soap and wash gently by hand. Rinse well with a fresh water and wipe off with a soft cloth. Dry them in the shade at ambient temperature.

WARNING: Never use petrol, thinner, benzene or any other solvents.

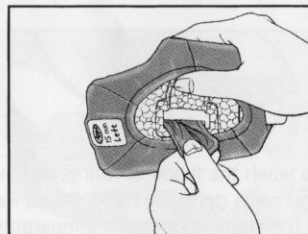
To replace fabric ensure it is turned right-side out then slip the face's large tab through the cover's smallest opening(slot).



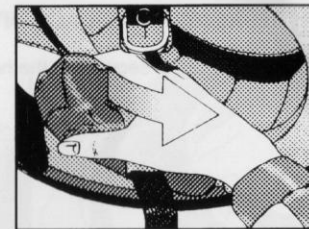
Stretch cover over pad and onto place, adjusting it to lie smoothly.



Then push the rectangular collar through the pad assembly and adjust into final position.



To replace pad in helmet (note that "Left & Right" labels indicate the side of the head the pad is on when the helmet is worn), slip pad onto strap.



Then place the large uncovered tab toward the rear of the helmet and push it under the main padding.



Push pad fully into place until small covered front tab snaps fully home. Push the rest of the pad firmly into place as necessary.

Replaceable cheek pad set is available in 6 thicknesses. Select your size for a more custom fit and comfort with reference to the standard cheek pad thickness chart at the below.

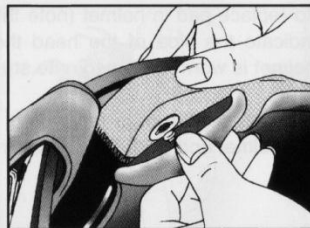
CHEEKPADS THICKNESSES CHART

	35mm	30mm	25mm	20mm	15mm	12mm
XS		std				
S			std			
M			std			
L				std		
XL				std		
XXL					std	

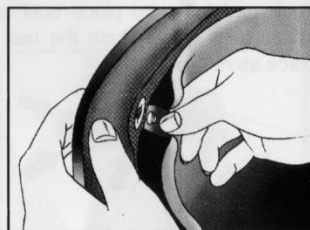
specifications subject to change without notice

G TO REMOVE/REPLACE INTERIOR PAD

The interior pad is secured to the helmet by the 4 bosses.



To remove the interior pad, undo 4 bosses by grasping interior pad as close to each boss as possible.



Observe the fore & back, top & bottom sides of the interior pad for replacement.



In case you wash interior pad, put them into lukewarm water with small amount of laundry soap and wash gently by hand. Rinse well with a fresh water and wipe off with a soft cloth. Dry them in the shade at ambient temperature.

WARNING: Never use petrol, thinner, benzene or any other solvents.

To replace the interior pad, place the 4 bosses over their receptacles and push them home.



Replaceable interior pad is available in 4 thicknesses. Select your size for a more custom fit and comfort with reference to the standard comfort padding thickness chart at the below.

INTERIOR PAD THICKNESS CHART

HELMET SIZE	INTERIOR PAD SIZE	12mm	10mm	7mm	5mm
XS	S		std		
S				std	
M	M		std		
L				std	
XL	L			std	
XXL					std

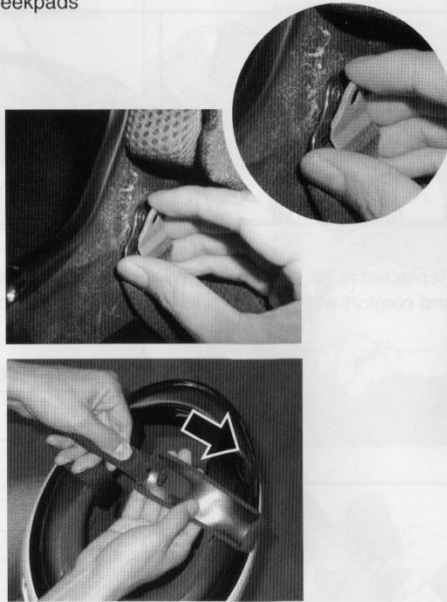
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NOTE: The interior pad size is different in each helmet shell size and cannot be replaced with other interior pad sizes. Be sure to select the right interior pad size for your helmet.

H TO REMOVE/REPLACE CHINSTRAP COVERS

To remove chinstrap covers, first, remove cheekpads as per previous instruction.

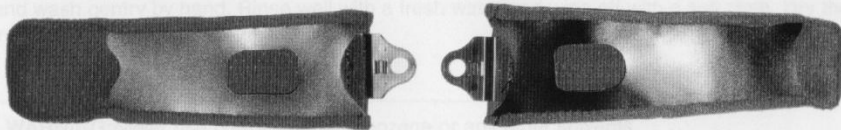
Remove plastic chinstrap anchor cover from the steel chinstrap anchor and slide the cover off the chinstrap.



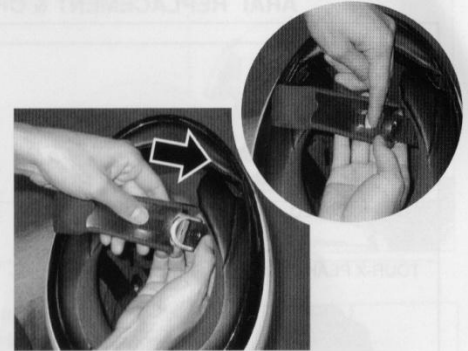
Note the right and left, inside and outside of the chinstrap covers for replacement

left chinstrap cover (D-Ring side)

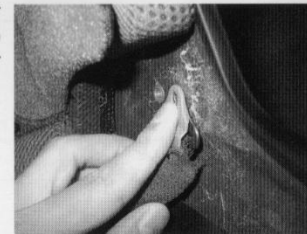
right chinstrap cover (long side)



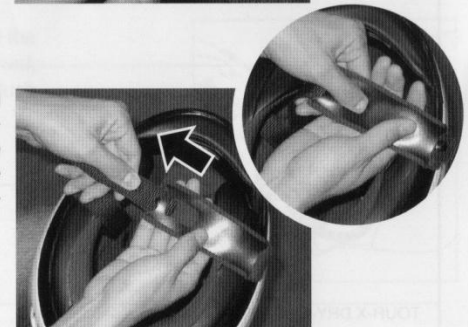
To replace the left chinstrap cover (D-Ring side), ensure the female Chinstrap End-Strap Snap side of the chinstrap and the leatherette-side of the chinstrap cover both face outward, slip chinstrap cover onto the chinstrap.



Position plastic chinstrap anchor cover over the steel anchor and push the cover in the anchor until the tab on the back of the cover snaps fully home.



To replace the right chinstrap cover (long side), ensure the cap side of Chinstrap End-Strap Snap (Arai logo impressed) on the chinstrap and the leatherette-side of the chinstrap cover both face outward, slip chinstrap cover onto the chinstrap.



Position chinstrap anchor cover over the anchor and push the cover until the tab on the back of the cover snaps fully home.



Replace the cheekpads as per previous instruction

ARAI REPLACEMENT & OPTIONAL PARTS LIST

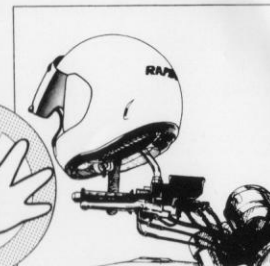
PARTS	COLOR or SIZE	PART#
TOUR-X PEAK	WHITE	1720
	BLACK	1723
	ALUMINUM-SILVER	1721
	ALUMINUM-GREY	1722
	SPORT-BLUE	1724
	STORM-RED	1730
	STORM-BLUE	1731
	STORM-SILVER	1732
TOUR-X SHIELD	CLEAR	1421
	DARK-TINT	1422
	LIGHT-TINT	1423
TOUR-X PEAK PRESSURE PLATE SET	WHITE	2425
	BLACK	2428
	ALUMINUM-SILVER	2426
	ALUMINUM-GREY	2427
	SPORT-BLUE	2429
	CLEAR	2424
	WHITE	3090
TOUR-X SHIELD HOLDER SET (optional) (required when used without the peak)	BLACK	3094
	ALUMINUM-SILVER	3091
	ALUMINUM-GREY	3092
	SPORT-BLUE	3095
	TINT	3093
	WHITE	2455
	CLEAR	2456
TOUR-X SCREW SET (w/SPRING CLIP SET)	WHITE	2960
	BLACK	2961
IC DUCT (1pc/pack)	ALUMINUM-SILVER	1841
	ALUMINUM-GREY	1842
	SPORT-BLUE	2933
	CLEAR	2959
	WHITE	1820
	BLACK	1821
	ALUMINUM-SILVER	1833
DDL2 DUCT	ALUMINUM-GREY	1834
	SPORT-BLUE	1836
	CLEAR	1819
	12mm	3645
	15mm	3646
	20mm	3647
	25mm	3648
TOUR-X DRY-COOL CHEEKPAD SET	30mm	3649
	35mm	3644
	S (for XS/S) 12mm	3840
	S (for XS/S) 10mm	3841
	S (for XS/S) 7mm	3842
TOUR-X DRY-COOL INTERIOR PAD	S (for XS/S) 5mm	3843
	M (for M/L) 12mm	3844
	M (for M/L) 10mm	3845
	M (for M/L) 7mm	3846
	M (for M/L) 5mm	3847
	L (for XL/XXL) 12mm	3838
	L (for XL/XXL) 10mm	3848
	L (for XL/XXL) 7mm	3849
	L (for XL/XXL) 5mm	3839

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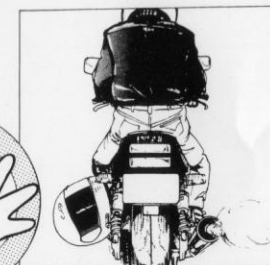
MORE PARTS, COLORS & DESIGNS ARE AVAILABLE. CONTACT YOUR ARAI DEALER OR THE NEAREST ARAI REPRESENTATIVE OFFICE LISTED ON THE BACK COVER FOR CURRENT AVAILABILITY

PRECAUTIONS ON INADVERTENT DAMAGE TO HELMETS

Do not "park" helmet on mirror stalks or sissy bars to avoid damage to liner.



Do not carry helmet on the motorcycle's helmet lock while riding to avoid exhaust pipe burns, tire abrasion, and strap damage.



Keep helmet out of the reach of pets to avoid the interior being chewed like a shoe, or scratched, like a sofa, as all too often happens. Such damage can be irreparable.



Do not expose helmets to solvents including gasoline, or their fumes to avoid damage to shields, small plastic components and interior.

